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| L Number | Hits | Search Text                                                                                                                                                                                                                                                                                                                                           | DB                                           | Time stamp       |
|----------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------|
| -        | 1114 | biometric with (sens\$4 detect\$3) and (card smartcard )                                                                                                                                                                                                                                                                                              | USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 09:45 |
| -        | 382  | (biometric adj (sensor)) and (card smartcard )                                                                                                                                                                                                                                                                                                        | USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 09:46 |
| -        | 261  | (biometric adj (sensor)) and (card smartcard ) and (reset\$4 power\$5 boot\$4)                                                                                                                                                                                                                                                                        | USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 09:56 |
| -        | 261  | (biometric adj (sensor)) and (card smartcard ) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on))                                                                                                                                                                                                                                                     | USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 10:01 |
| -        | 258  | (biometric adj (sensor)) and (card smartcard ) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data)                                                                                                                                                                                                                 | USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 10:02 |
| -        | 212  | (biometric adj (sensor)) and (card smartcard ) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data) same (match\$3 compar\$3 validat\$4 verify\$4 verification )                                                                                                                                                    | USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 10:04 |
| -        | 71   | (biometric adj (sensor)) and (card smartcard ) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data) same (match\$3 compar\$3 validat\$4 verify\$4 verification ) and (((public private secret ) with key) cryptography)                                                                                             | USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 10:07 |
| -        | 49   | (biometric adj (sensor)) and (card smartcard ) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data) same (match\$3 compar\$3 validat\$4 verify\$4 verification ) and (((public private secret ) with key) cryptography) and signature                                                                               | USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 10:08 |
| -        | 18   | (biometric adj (sensor)) and (card smartcard ) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data) same (match\$3 compar\$3 validat\$4 verify\$4 verification ) and (((public private secret ) with key) cryptography) and signature and (authenticat\$4 validat\$4 verify\$4 verification) with (reader detector) | USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 10:15 |
| -        | 189  | (biometric ) and (card smartcard ) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data) same (match\$3 compar\$3 validat\$4 verify\$4 verification ) and (((public private secret ) with key) cryptography) and signature and (authenticat\$4 validat\$4 verify\$4 verification) with (reader detector)             | USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 10:23 |

|   |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                         |                     |
|---|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------|
| - | 180 | (biometric ) and (card smartcard ) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data) same (match\$3 compar\$3 validat\$4 verify\$4 verification ) and (((public private secret ) with key) cryptography) and signature and (authenticat\$4 validat\$4 verify\$4 verification) with (reader detector) and (authenticat\$4 validat\$4 verify\$4 verification) with (security device hardware apparatus core)                                                                                                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/20<br>10:47 |
| - | 179 | (biometric ) and (card smartcard ) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data) same (match\$3 compar\$3 validat\$4 verify\$4 verification ) and (((public private secret ) with key) cryptography) and signature and (authenticat\$4 validat\$4 verify\$4 verification) with (reader detector) and (authenticat\$4 validat\$4 verify\$4 verification) with (security device hardware apparatus core) and (identifier id identification )                                                                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/20<br>10:51 |
| - | 104 | (biometric ) and (card smartcard ) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data) same (match\$3 compar\$3 validat\$4 verify\$4 verification ) and (((public private secret ) with key) cryptography) and signature and (authenticat\$4 validat\$4 verify\$4 verification) with (reader detector sensor) and (authenticat\$4 validat\$4 verify\$4 verification) with (security device hardware apparatus core) and ((identifier id identification number ) with (reader detector sensor) )                               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/20<br>10:59 |
| - | 65  | (biometric ) and (card smartcard ) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data) same (match\$3 compar\$3 validat\$4 verify\$4 verification ) and (((public private secret ) with key) cryptography) and signature and (authenticat\$4 validat\$4 verify\$4 verification) with (reader detector sensor) and (authenticat\$4 validat\$4 verify\$4 verification) with (security device hardware apparatus core) and ((identifier id identification number ) with (reader detector sensor) ) and tamper\$5                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/20<br>11:00 |
| - | 66  | (biometric ) and (card smartcard ) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data) same (match\$3 compar\$3 validat\$4 verify\$4 verification ) and (((public private secret ) with key) cryptography) and signature and (authenticat\$4 validat\$4 verify\$4 verification) with (reader detector sensor scanner) and (authenticat\$4 validat\$4 verify\$4 verification) with (security device hardware apparatus core) and ((identifier id identification number ) with (reader detector sensor scanner) ) and tamper\$5 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/07/20<br>13:36 |

|  |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                             |                  |
|--|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------------|
|  | 0   | ((biometric ) and (card smartcard ) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data) same (match\$3 compar\$3 validat\$4 verify\$4 verification ) and (((public private secret ) with key) cryptography) and signature and (authenticat\$4 validat\$4 verify\$4 verification) with (reader detector sensor scanner) and (authenticat\$4 validat\$4 verify\$4 verification) with (security device hardware apparatus core) and ((identifier id identification number ) with (reader detector sensor scanner) ) and tamper\$5) and ("6016476" "6510236").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 11:28 |
|  | 1   | 6463537.pn. and authenticat\$3 with reader                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 14:00 |
|  | 1   | 6463537.pn. and (device reader sensor ) with ( identifier id id)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 14:00 |
|  | 1   | 6463537.pn. and (device reader sensor ) near2 ( identifier id id)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 14:00 |
|  | 66  | (biometric adj (sensor)) and (card smartcard ) and ((reset\$4 power\$5 boot\$4) (turn\$3 adj on)) and (stor\$4 with information data) same (match\$3 compar\$3 validat\$4 verify\$4 verification ) and (public private secret ) with key (sensor detector scanner ) same reader                                                                                                                                                                                                                                                                                                                  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 14:41 |
|  | 514 | same card same security                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 14:42 |
|  | 13  | (sensor detector scanner ) same reader same card same security and (authenticat\$4 validat\$4 verify\$4 verification) near2 (sensor detector scanner ) and (authenticat\$4 validat\$4 verify\$4 verify\$4 verification) near2 (reader )                                                                                                                                                                                                                                                                                                                                                          | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 14:49 |
|  | 86  | (sensor detector scanner ) same reader same card same security and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (sensor detector scanner ) and (authenticat\$4 validat\$4 verify\$4 verify\$4 verification id identifier number code) near2 (reader )                                                                                                                                                                                                                                                                                                      | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 14:57 |
|  | 73  | ((sensor detector scanner ) same reader same card same security and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (sensor detector scanner ) and (authenticat\$4 validat\$4 verify\$4 verify\$4 verification id identifier number code) near2 (reader ) ) not ((sensor detector scanner ) same reader same card same security and (authenticat\$4 validat\$4 verify\$4 verify\$4 verification) near2 (sensor detector scanner ) and (authenticat\$4 validat\$4 verify\$4 verify\$4 verification) near2 (reader ) )                                          | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 14:50 |

|   |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                             |                  |
|---|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------------|
| - | 144 | (sensor detector scanner biometric ) same reader same card same security and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (sensor detector scanner biometric) and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (reader )                                                                                                                                                                                                                                                                                                                                 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 15:04 |
| - | 58  | ((sensor detector scanner biometric ) same reader same card same security and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (sensor detector scanner biometric) and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (reader ) ) not ((sensor detector scanner ) same reader same card same security and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (sensor detector scanner ) and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (reader ) )                                     | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 14:58 |
| - | 333 | (sensor detector scanner biometric ) same reader same card same security and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (sensor detector scanner biometric device module) and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (reader device module )                                                                                                                                                                                                                                                                                                     | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 15:05 |
| - | 274 | (sensor detector scanner biometric ) same reader same card same security and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 ( device module) and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 ( device module )                                                                                                                                                                                                                                                                                                                                            | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 15:06 |
| - | 274 | ((sensor detector scanner biometric ) same reader same card same security and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (sensor detector scanner biometric device module) and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (reader device module ) ) and ((sensor detector scanner biometric ) same reader same card same security and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 ( device module) and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 ( device module ) ) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 15:06 |

|  |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                             |                  |
|--|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------------|
|  | 85     | ((sensor detector scanner biometric ) same reader same card same security and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (sensor detector scanner biometric) and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 (reader) ) and ((sensor detector scanner biometric ) same reader same card same security and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 ( device module) and (authenticat\$4 validat\$4 verify\$4 verification id identifier number code) near2 ( device module) ) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 15:17 |
|  | 17     | card with embed\$4 with (sensor reader) near(fingerprint biometric)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 15:21 |
|  | 364    | ( (smart adj card) card) with (includ\$3 contain\$3 embed\$4 integrat\$3) with (sensor reader detector scanner) near(fingerprint biometric)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 15:23 |
|  | 81     | ( (smart adj card) card) with (surface embed\$4 integrat\$3) with (sensor reader detector scanner) .near(fingerprint biometric)                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 15:23 |
|  | 64     | (( (smart adj card) card) with (surface embed\$4 integrat\$3) with (sensor reader detector scanner) near(fingerprint biometric)) not (card with embed\$4 with (sensor reader) near(fingerprint biometric))                                                                                                                                                                                                                                                                                                                                                                                             | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 16:47 |
|  | 17     | "6330670"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 17:18 |
|  | 68500  | (authentic\$5 verify\$4 verification validat\$3 validation identify\$3 ) with (reader wru read\$3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/21 09:18 |
|  | 128778 | (authentic\$5 verify\$4 verification validat\$3 validation identify\$3 ) with ((reader read\$3) or wru) and (card adj reader) or (read adj write)                                                                                                                                                                                                                                                                                                                                                                                                                                                      | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/21 09:19 |
|  | 8614   | (authentic\$5 verify\$4 verification validat\$3 validation identify\$3 ) with ((reader read\$3) or wru) and (card adj reader) or (read adj write) and (authentic\$5 verify\$4 verification validat\$3 validation identify\$3 ) near3 (sensor scanner detect\$3)                                                                                                                                                                                                                                                                                                                                        | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/21 09:20 |
|  | 6595   | (authentic\$5 verify\$4 verification validat\$3 validation identify\$3 ) with ((reader read\$3) or wru) and (card adj reader) or (read adj write) and (authentic\$5 verify\$4 verification validat\$3 validation identify\$3 ) near3 (sensor scanner )                                                                                                                                                                                                                                                                                                                                                 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/21 09:20 |

|  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                             |                  |
|--|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------------|
|  | 6210 | (authentic\$5 verify\$4 verification validat\$3 validation identify\$3 ) with ((reader read\$3) or wru) and (card adj reader) or (read adj write) and (authentic\$5 verify\$4 verification validat\$3 validation identify\$3 ) near3 (sensor scanner ) and (mutual adj authentication)                                                                                                                                                                                  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/21 09:21 |
|  | 756  | (authentic\$5 verify\$4 verification validat\$3 validation identify\$3 ) with ((reader read\$3) or wru) with (security secur\$3) and (card adj reader) or (read adj write) and (authentic\$5 verify\$4 verification validat\$3 validation identify\$3 ) near3 (sensor scanner ) with (security secur\$3) and (mutual adj authentication)                                                                                                                                | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/21 09:22 |
|  | 154  | (authentic\$5 verify\$4 verification validat\$3 validation identify\$3 ) with ((reader read\$3) or wru) with ((security secur\$3) adj (device engine system module unit)) and (card adj reader) or (read adj write) and (authentic\$5 verify\$4 verification validat\$3 validation identify\$3 ) near3 (sensor scanner ) with ((security secur\$3) adj (device engine system module unit)) and (mutual adj authentication)                                              | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/21 10:23 |
|  | 0    | (authentic\$5 verify\$4 verification validat\$3 validation identify\$3 ) with ((reader read\$3) or wru) with ((security secur\$3) adj (device engine system module unit)) and ((card adj reader) or (read adj write)) and ((authentic\$5 verify\$4 verification validat\$3 validation identify\$3 ) near3 (sensor scanner )) with ((security secur\$3) adj (device engine system module unit)) and (mutual adj authentication)                                          | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/21 10:23 |
|  | 76   | (reader or (read\$3 adj (device module unit) )) near2 (authentic\$4 handshake) with (system cpu security)                                                                                                                                                                                                                                                                                                                                                               | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/21 10:26 |
|  | 24   | (US-5768382-\$ or US-6105008-\$ or US-6125192-\$ or US-6175922-\$ or US-6307956-\$ or US-6463537-\$ or US-6749115-\$ or US-5280527-\$ or US-6655585-\$ or US-6219439-\$ or US-6040783-\$ or US-5864296-\$ or US-6069969-\$ or US-6325285-\$ or US-6547130-\$ or US-6198391-\$ or US-5892211-\$ or US-5319362-\$ or US-6422476-\$).did. or (US-20010040987-\$ or US-20040128249-\$ or US-20030159044-\$ or US-20020067259-\$ or US-20020043562-\$).did.                  | USPAT; US-PGPUB                             | 2004/07/21 10:38 |
|  | 25   | (US-5768382-\$ or US-6105008-\$ or US-6125192-\$ or US-6175922-\$ or US-6307956-\$ or US-6463537-\$ or US-6749115-\$ or US-5280527-\$ or US-6655585-\$ or US-6219439-\$ or US-6040783-\$ or US-5864296-\$ or US-6069969-\$ or US-6325285-\$ or US-6547130-\$ or US-6198391-\$ or US-5892211-\$ or US-5319362-\$ or US-6422476-\$ or US-6330670-\$).did. or (US-20010040987-\$ or US-20040128249-\$ or US-20030159044-\$ or US-20020067259-\$ or US-20020043562-\$).did. | USPAT; US-PGPUB                             | 2004/07/21 10:40 |

|   |   |                                      |                                                         |                     |
|---|---|--------------------------------------|---------------------------------------------------------|---------------------|
| - | 0 | 6125192.PN. and (wireless ssl)       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/07/21<br>17:27 |
| - | 2 | 6125192.PN. and match\$4 with system | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/07/21<br>19:42 |
| - | 1 | 6125192.PN. and remov\$4             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/07/21<br>19:42 |